

John Deere

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MODEL:

Number 44, 44A, 44H and
44AH Plows



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JD-O-OMA1352

**TRACTOR PLOWS
NOS. 44, 44A, 44H,
AND 44AH**

MANUAL PREVIEW

**OPERATORS MANUAL
TRACTOR PLOWS NOS. 44, 44A,
44H,
AND 44AH**

OMA1352 (01MAR52) English

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TABLE OF CONTENTS

	Page
IDENTIFICATION OF PLOW PARTS.....	2-3
SPECIFICATIONS.....	4-5
OPERATING AND ADJUSTING INSTRUCTIONS.....	6-18
Clutch Lift Bar.....	17
Enclosed Lifting Clutch.....	18
Hitching the Plow.....	6-9
Hitches.....	13-15
Hitch Rod and Spring.....	16
Hose Support.....	18
Jointers.....	11
Leveling.....	17
Levers.....	16-17
Lifting Spring.....	18
Powr-Trol Remote Cylinder.....	17
Rear Axle and Wheel.....	11-12
Rolling Coulters.....	9-10
Tractor Clutch Release.....	15
MAINTENANCE SUGGESTIONS.....	19-22
Care of Pneumatic Tires.....	21
Enclosed Lifting Clutch.....	20-21
Keep Your John Deere Plow a John Deere Plow.....	20
Plow Bottoms, Coulters, and Jointers.....	19
Sharpening the Coulters Blade.....	20
Sharpening the Share.....	19
Wheel Bearings.....	20
LUBRICATING INSTRUCTIONS.....	22
SETTING-UP INSTRUCTIONS.....	23-35
Connecting Bar for Nos. 44H and 44AH Plows.....	28
Cylinder Support.....	28
Frame and Standard.....	25
Furrow Wheel.....	26
Furrow Wheel Shield.....	31
General Information.....	23
Hitch.....	31
Hose Support.....	33
Jointers.....	31
Land and Furrow Axles.....	26
Landing Lever Attachment.....	34
Land Wheel.....	26
Levers and Ratchets.....	27
Lifting Spring.....	27
Lift Rod and Crank for No. 44AH Plow Only.....	30
Plow Bottoms.....	30
Powr-Trol.....	30
Rear Axle and Wheel.....	28-29
Rolling Coulters.....	31
Shipping Bundles.....	23-24
Tractor Clutch Release.....	32-33
Trash Guards.....	31
PARTS LISTS AND ILLUSTRATIONS.....	36-76
Index to Parts List.....	37
Parts and Lists.....	38-76

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16

OPERATING AND ADJUSTING

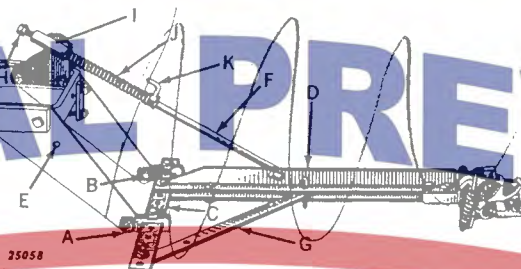


Figure 18—SD1555A—Safety Release Hitch for Nos. 44, 44A, 44H, and 44AH (The Hitch Rod "F" Is Not Regularly Furnished for the Nos. 44A or 44AH Plows)

Hitch Rod and Spring.

The hitch rod "F," Figure 18, on the Nos. 44 and 44H Plows is provided so that the rear end of the plow will be lifted when transporting.

The hitch rod spring "J," is provided to maintain constant pressure on the rear bottom to prevent the rear end of the plow from raising up when hard plowing conditions are encountered. The amount of pressure that is applied on the rear of the plow is determined by the setting of the collar "K." **NOTE:** In normal plowing, the two hexagon nuts should be adjusted so that there is about one inch space between the nuts "H" and the hitch rod guide "I," Figure 18.

This assembly is also available for the Nos. 44A and 44AH as extra equipment. **NOTE:** When used on the Nos. 44A and 44AH, the two hexagon nuts on the rear end of the hitch rod must be removed.

Levers for 44 and 44A.

The master lever and leveling lever are provided for controlling the depth and leveling the plow bottoms when in working position. The leveling lever regulates the depth of the front bottom in relation to the rear. The master lever controls the working depth of both bottoms together. Therefore, when opening up a new land it is usually necessary to raise the leveling lever to get sufficient depth on the front bottom and then using it only for releveling the frame. The levers can be adjusted for length.



Figure 19—Levers and Ratchets

NOTE: If the levers are too long, when crossing deep furrows or ditches, they may interfere with the operator or damage the seat.

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SETTING-UP

33

Bolt upper pulley bearing assembly to tractor as shown at "B," Figure 47. Screw stud brace adjuster to stud brace and attach to outside of upper pulley bearing assembly as shown in Figure 47 for "A" or "G" Tractors, and on inside for "B" Tractor. Attach spring and chain as shown in Figure 47, leaving enough slack in chain so clutch will not release in ordinary plowing conditions.

CAUTION: It may be necessary to lengthen clutch lever connecting rod on tractor by adjustment at "A," Figure 48, so that when clutch is released, the clutch lever will not strike tractor operator on the knee, see Figure 48.

For the most efficient operation of the tractor clutch release, check the tractor clutch to make certain it is functioning properly.

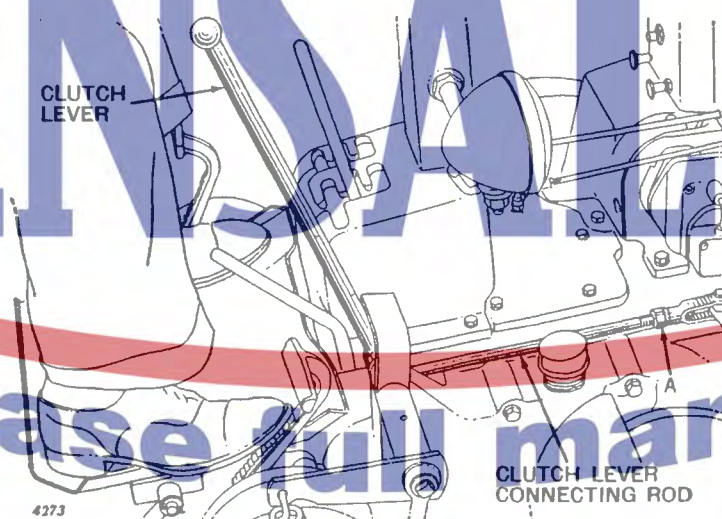


Figure 48—Tractor Clutch Lever Attachment

Hose Support.

Bolt the hose support bracket "A," Figure 49, to front of frame. Insert hose and tighten clamp "B." Adjust collar "C" to restrict the swing of the hose support as desired.

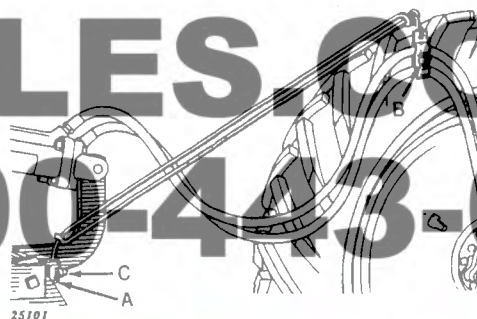


Figure 49—Hose Support

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NUMERICAL INDEX

77

Part No.	Page No.	Key
2H 165 H.....	52	36
	53	13
2H 180 B.....	50	4
2H 482 H.....	70	4
	72	11
2H 500 H.....	39	14
	41	32
2H 624 H.....	59	10
2H 681 R.....	55	13
	56	12
	57	13
2H 749 H.....	68	3
3H 701 C.....	38	17
7H 159 H.....	72	5
7H 363 H.....	49	34
7H 384 N.....	67	8
7H 722 R.....	47	22
7H 733 H.....	66	19
7H 796 R.....	41	5
7H 806 N.....	58	28
	59	37
	66	17
7H 837 N.....	58	26
	59	25
	60	7
	61	7
7H 1143 N.....	72	2
7H 1160 N.....	69	3
7H 1164 N.....	41	21
7H 1173 N.....	47	25
8H 915 H.....	54	5
8H 936 N.....	63	1
	65	30
8H 957 H.....	38	10
	47	33
	50	18
	58	27
	59	26
	63	11
	68	5
8H 974 H.....	38	23
	47	2
	58	32
	60	14
	61	14
	66	22
	67	11
	68	6
8H 995 N.....	38	8
	52	16
	65	29
8H 1007 B.....	50	32
8H 1011 N.....	38	9
	60	20
	61	20
8H 1027 H.....	73	3
8H 1056 A.....	38	1
8H 1138 R.....	50	27

Part No.	Page No.	Key
8H 1168 H.....	50	26
8H 1470 A.....	60	1
	61	1
8H 2538 N.....	38	24
8H 2576 N.....	58	33
8H 2596 N.....	43	16
	45	12
8H 3354 N.....	55	11
	56	10
	57	11
9H 135 H.....	72	3
9H 425 H.....	70	2
9H 437 K.....	71	3
9H 1351 K.....	72	2
11H 39 R.....	58	7
11H 41 R.....	52	12
11H 78 R.....	52	6
	53	27
	65	7
11H 80 R.....	50	24
	52	10
	59	7
	63	27
	65	33
	66	4
	67	1
11H 82 R.....	52	22
11H 84 R.....	50	13
11H 86 B.....	49	13
11H 111 B.....	41	17
	53	1
	54	3
	54	4
	63	19
	69	3
11H 113 R.....	41	8
11H 131 A.....	53	6
11H 135 B.....	41	2
	43	3
	47	39
11H 154 D.....	60	18
	61	18
11H 162 A.....	43	5
	45	1
	47	1
12H 10 R.....	72	1
12H 11 R.....	49	33
	67	6
	70	7
12H 12 R.....	39	12
	41	26
	52	30
	53	24
	65	10
12H 13 R.....	43	8
	45	4
	47	12
	47	21
	47	24
	52	1

Part No.	Page No.	Key
	53	23
	58	19
	59	15
	60	34
	61	34
	66	18
12H 14 R.....	66	9
12H 15 R.....	38	4
	47	6
	50	11
	52	13
	54	4
	58	16
	59	22
	60	8
	61	8
	63	12
	65	1
	66	9
	66	21
	67	12
12H 17 R.....	38	12
	39	16
	41	16
	43	2
	47	30
	58	35
	59	4
	60	17
	61	17
	63	29
14H 24 H.....	59	32
	60	35
	61	35
14H 110 A.....	43	1
	47	31
	63	30
14H 257 R.....	52	31
	53	25
	65	9
14H 259 E.....	52	3
	58	14
14H 346 A.....	39	3
	41	37
14H 350 A.....	55	16
	56	15
	57	4
	66	15
14H 357 A.....	63	1
14H 481 D.....	39	15
	54	1
14H 530 D.....	50	23
	52	9
14H 533 N.....	52	21
16H 323 A.....	49	20
16H 648 A.....	52	43
	53	20
	65	14
16H 677 A.....	52	42
	53	19
16H 701 A.....	65	13

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78

NUMERICAL INDEX

Part No.	Page No.	Key	Part No.	Page No.	Key	Part No.	Page No.	Key
16H 1105 A.....	53	4	12912 A.....	50	1	21595 A.....	50	20
	63	4	13826 A.....	52	39		52	7
16H 1336 A.....	63	10		53	17	21600 A.....	39	6
	65	18		65	16		41	29
16H 1339 A.....	41	13	14841 A.....	68	10	21626 A.....	52	33
	52	45				21634 A.....	50	17
16H 1357 A.....	55	9	15612 A.....	47	9	22020 A.....	50	29
16H 1370 A.....	56	8	15905 A.....	59	30			
	57	9	16101 A.....	53	31	22113 A.....	70	2
			16117 A.....	52	41	22114 A.....	72	6
16H 1553 A.....	53	29		53	18	22717 A.....	63	24
16H 1625 A.....	49	24		65	15	22718 A.....	63	21
16H 1778 A.....	58	3	16146 A.....	47	11	22719 A.....	63	22
17H 38 A.....	60	31						
	61	31	16297 A.....	58	29			
	63	23		60	29	22728 A.....	63	5
17H 43 A.....	65	6		61	29	22741 A.....	41	4
				65	4	22813 A.....	49	2
17H 52 A.....	65	24	16388 A.....	49	22	23152 A.....	47	4
17H 54 A.....	65	23	16540 A.....	49	22		52	23
17H 61 A.....	63	16	16708 A.....	72	1	23418 A.....	56	7
17H 77 A.....	63	15	16743 AN.....	43	11			
17H 93 A.....	63	14		45	7			
			18104 A.....	47	10	23426 A.....	65	11
17H 604 A.....	53	34	18236 A.....	69	1	23764 A.....	50	28
19H 564 R.....	66	8	18237 A.....	69	2	23765 A.....	43	6
19H 698 R.....	66	8	18258 A.....	47	17		45	2
22H 109 D.....	41	33	18311 A.....	55	6		47	46
	50	6					49	6
22H 158 B.....	39	2	18890 A.....	60	27	23766 A.....	52	40
			18894 A.....	59	33		53	21
22H 169 F.....	73	5	19119 A.....	60	30	23842 A.....	57	8
22H 180 H.....	41	38		61	30			
24H 161 A.....	70	6	19632 A.....	63	7	23880 A.....	68	6
24H 167 A.....	52	26	19633 A.....	63	6	23881 A.....	68	5
24H 170 A.....	52	5		65	17	23882 A.....	43	13
							45	9
24H 182 A.....	53	10	19829 A.....	53	14	24350 A.....	54	8
	65	22	19830 A.....	52	38	24374 A.....	41	12
24H 194 A.....	59	8		53	16			
24H 213 D.....	66	13	19831 A.....	52	35	24478 A.....	70	1
24H 392 A.....	53	26		53	15	24479 A.....	71	1
	65	8		68	4	24547 A.....	58	18
24H 476 A.....	47	35	20008 A.....	58	20		59	17
24H 489 A.....	47	5		59	27		60	3
	50	22		60	15		61	3
	52	8		61	15	25113 A.....	49	7
	65	28	20126 A.....	47	32	25115 A.....	49	3
24H 611 A.....	49	17						
24H 622 A.....	65	35	20140 A.....	60	32	25116 A.....	47	14
24H 634 A.....	47	38		61	32	25118 A.....	49	16
1295 A.....	52	29	20142 A.....	63	5	25119 A.....	47	40
	53	9	20144 A.....	63	17	25120 A.....	49	19
	65	19	20702 AD.....	66	7	25121 A.....	49	15
				67	5			
1311 A.....	63	3	21212 A.....	39	13	25122 A.....	49	9
1335 A.....	63	8		41	23	25123 A.....	49	12
3159 A.....	63	3	21408 A.....	47	37	25124 A.....	49	8
10950 A.....	68	1	21558 A.....	39	8	25125 A.....	49	10
10963 A.....	72	5		41	24	25131 A.....	47	27
			21583 A.....	53	30			
10965 A.....	72	4	21585 A.....	53	3	25454 A.....	61	27
11318 A.....	68	2	21594 A.....	53	7	25812 A.....	59	3
				65	21	25938 A.....	68	4

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NUMERICAL INDEX

79

Part No.	Page No.	Key	Part No.	Page No.	Key	Part No.	Page No.	Key
26127 A.....	59	6	28206 A.....	41	41	B 305 A.....	55	1
26299 A.....	68	3	28207 A.....	41	20		56	1
			28211 A.....	41	18		57	1
26315 A.....	65	12	28218 A.....	41	15	B 528 A.....	70	9
26316 A.....	65	25	28220 A.....	54	5		72	9
26327 A.....	65	27		54	6	B 678 A.....	55	4
26638 A.....	38	25	28221 A.....	43	12	B 751 A.....	55	5
26640 A.....	38	16		45	8	B 752 A.....	55	7
26660 A.....	38	13	28244 AN.....	60	4	B 880 A.....	56	6
26663 A.....	38	19		61	4		57	7
26841 A.....	56	7	28273 A.....	63	13	B 886 A.....	56	4
27412 A.....	49	26	28316 A.....	50	14		57	5
27493 A.....	66	10	28330 A.....	50	19			
27656 A.....	60	22	28372 A.....	59	34			
	61	22	28884 A.....	71	2	BT		
27664 A.....	60	28	28885 A.....	71	5	BT 228 AN.....	71	3
	61	28	29024 A.....	65	3	BT 429 A.....	52	18
27665 A.....	60	16	29026 A.....	65	2	BT 430 A.....	52	27
	61	16				BT 455 A.....	65	37
27667 A.....	60	37	29027 A.....	65	32	BT 497 A.....	50	21
	61	37	29028 A.....	65	36			
27668 A.....	60	36	29444 A.....	50	12	BT 515 A.....	58	22
	61	36	29654 A.....	60	24		59	24
				61	24		60	10
27669 A.....	58	23	29785 A.....	66	20		61	10
	59	20						
	60	11	29963 A.....	38	5	CA		
	61	11	30009 A.....	50	3	CA 28 AN.....	50	7
27670 A.....	58	21	30010 A.....	50	2	CA 1797 A.....	52	44
	59	23	30057 A.....	66	1		53	22
	60	9		67	4	CA 1965 A.....	59	12
27671 A.....	60	2	30209 A.....	58	30		66	5
	61	2		59	18		67	2
27750 A.....	38	14	30219 A.....	59	35			
28072 A.....	54	2	30220 A.....	59	9			
	54	7	30222 A.....	58	17	CE		
			30223 A.....	58	31	CE 6 F.....	73	5
28161 A.....	38	6	30224 A.....	58	34			
28162 A.....	38	2				CT		
28163 A.....	38	5	30289 A.....	67	9	CT 8 F.....	73	2
28164 A.....	38	5	30290 A.....	67	7			
28165 A.....	38	3	30383 A.....	58	5			
			30384 A.....	58	2			
28168 A.....	38	11	30385 A.....	58	4			
28175 A.....	47	8				D		
28176 A.....	47	3	30386 A.....	58	1	D 414 A.....	55	14
28180 A.....	52	14	30387 A.....	58	12		56	13
28181 A.....	52	11	30388 A.....	58	13		57	14
			30389 A.....	58	10	D 480 A.....	58	11
28182 A.....	52	28	30390 A.....	58	9	D 659 A.....	70	3
28186 A.....	52	24					72	10
28190 A.....	52	19	30392 A.....	58	8	D 673 A.....	55	12
28191 A.....	52	20	30673 A.....	65	14		56	11
28192 A.....	53	28	31006 A.....	55	2		57	12
				56	2	D 727 A.....	41	11
28200 A.....	39	1		57	2			
28201 A.....	63	6						
28202 A.....	63	7						
28203 A.....	41	1						
28205 A.....	41	19	B 239 A.....	63	2			
				65	31			

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80

NUMERICAL INDEX

Part No.	Page No.	Key
D 839 A.....	63	2
D 843 A.....	39	10
	41	28
D 849 A.....	52	2
D 869 A.....	69	1
D 920 A.....	39	5
	41	31
D 933 A.....	71	4
D 964 A.....	49	1
D 968 A.....	47	13
D 969 A.....	49	21
D 970 A.....	49	23
D 971 A.....	49	31
D 987 A.....	49	29

DA

DA 8 A.....	49	25
DA 71 A.....	60	6
	61	6
DA 76 A.....	60	33
	61	33
DA 183 A.....	71	4
DA 189 AN.....	63	4
DA 202 A.....	41	34
DA 434 A.....	53	11
DA 893 A.....	63	18
DA 894 A.....	63	25
DA 898 A.....	65	26
DA 1135 A.....	55	10
DA 1145 A.....	56	9
DA 1146 A.....	57	10
DA 1147 A.....	56	9
DA 1414 A.....	49	11
DA 1812 A.....	53	32
DA 1815 A.....	53	5
DA 1869 A.....	49	32
DA 1873 A.....	69	4
DA 1874 A.....	69	2
DA 1875 A.....	52	15
DA 1876 A.....	52	34
DA 1877 A.....	52	17
DA 1880 A.....	41	10
DA 1882 A.....	41	40
DA 1889 A.....	52	4
DA 1893 A.....	39	4
DA 1894 A.....	41	14
DA 1895 A.....	41	39
DA 1906 A.....	50	30

DA 1915 A.....	72	4
DA 1916 A.....	72	3
DA 2720 A.....	60	5
	61	5

DA 2783 A.....	70	8
DA 2897 A.....	52	32
	53	8
	65	20
DA 2906 A.....	47	23
DA 3230 A.....	63	26
DA 3330 A.....	47	42
DA 3353 A.....	70	3
DA 3661 A.....	49	27
DA 3666 A.....	47	26
DA 3674 A.....	60	23
DA 3713 A.....	54	3
DA 3730 A.....	54	2
DA 3732 A.....	43	4

DA 3733 A.....	59	2
DA 3869 A.....	47	45
DA 3870 A.....	47	45
DA 3950 AD.....	53	2
DA 3960 A.....	63	28
DA 3973 A.....	41	9
DA 4308 A.....	65	5
DA 4407 A.....	50	25
DA 4507 A.....	60	25
	61	25
DA 4541 A.....	66	3
DA 4561 A.....	53	33
DA 4588 A.....	38	20
DA 4627 A.....	38	20
DA 4805 A.....	38	20
DA 4822 A.....	50	15

DA 4833 A.....	50	5
DA 4855 A.....	59	13
DA 4879 A.....	61	23
DA 4956 A.....	59	11
DA 4958 A.....	59	31
DA 4959 A.....	59	5
DA 4989 A.....	67	10
DA 5076 A.....	50	16
DA 5077 A.....	58	15
DA 5078 A.....	58	6

DA 5079 A.....	58	11
DA 5127 A.....	58	25
	59	21
	60	13
	61	13
DA 5144 A.....	59	16
DA 5217 A.....	49	18
DA 5237 A.....	38	15

DA 5334 A.....	60	21
	61	21
DA 5370 A.....	50	30
DA 5424 A.....	66	6

DA 5439 A.....	50	10
DA 5441 A.....	55	15
	56	14
	57	15

DK

DK 76 F.....	73	6
--------------	----	---

DL

DL 46 F.....	73	1
--------------	----	---

E

E 394 AN.....	50	7
E 481 A.....	47	41
E 882 AN.....	63	4

G

G 322 A.....	41	34
G 672 A.....	60	19
	61	19
G 704 A.....	39	7
	41	30
G 705 A.....	55	3
	56	3
	57	3
G 706 A.....	41	36
G 707 A.....	41	6
G 708 A.....	41	35
G 751 A.....	60	25
	61	25
G 752 A.....	59	14
	66	2
G 753 A.....	66	3
	66	16
G 764 A.....	41	7
G 765 A.....	50	8
G 766 A.....	50	9
G 785 A.....	39	4
G 787 A.....	66	11

G 808 A.....	66	12
--------------	----	----

JD

JD 1358 AW.....	47	18
JD 1359 A.....	47	19
JD 1362 A.....	43	17
	45	13
JD 1363 A.....	43	17
	45	13

CLICK ANYWHERE FOR MORE DETAILS

CLICK ANYWHERE FOR MORE DETAILS

NUMERICAL INDEX

81

Part No.	Page No.	Key
JD 7759.....	39	11
	41	27
	43	10
	45	6
	47	43
	49	28
	50	31
	55	8
	56	5
	57	6
	60	26
	61	26

JD 7779.....	47	28
	49	5

M		
M 92 F.....	73	2
M 94 F.....	73	4
M 96 F.....	73	7
M 655 A.....	63	9
M 799 A.....	47	16

N		
N 4 F.....	73	6

Part No.	Page No.	Key
----------	----------	-----

P		
P 768 A.....	49	14
P 769 A.....	49	4

RV		
RV 706 A.....	47	15

RW		
----	--	--

RW 35 A.....	47	20
RW 39 A.....	43	18
	45	14
RW 40 A.....	39	9
	41	25

SD		
----	--	--

SD 72 A.....	69	4
SD 793 A.....	45	3
SD 802 A.....	45	3
SD 1483 A.....	45	3
SD 1484 A.....	43	7

SD 1501 A.....	43	7
SD 1751 A.....	43	7

Part No.	Page No.	Key
----------	----------	-----

V		
V 164 A.....	72	4
V 261 A.....	72	1
V 302 A.....	71	2
V 303 A.....	71	4

WX		
----	--	--

WX 788 A.....	47	36
WX 813 A.....	45	3
WX 814 A.....	45	3
WX 815 A.....	47	45
WX 817 A.....	47	45

WX 818 A.....	39	17
WX 820 A.....	41	22
WX 889 A.....	47	45
WX 890 A.....	45	3
WX 891 A.....	43	7

WX 895 A.....	43	7
WX 911 A.....	43	7

X		
---	--	--

X 263 A.....	43	15
	45	11
X 264 A.....	43	14
	45	10
X 265 A.....	43	9
	45	5

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